



COMMONWEALTH of VIRGINIA

*Department of General Services
Division of Purchases and Supply*

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July 10, 2023

To: Police Chiefs, Sheriffs, and Law Enforcement Authorities in the Commonwealth of Virginia

From: Virginia Department of General Services, Division of Purchases and Supply (DGS/DPS)

RE: DPS Directive for Across-the-Road RADAR (Radio Detection and Ranging) revised 07/10/2023

1. Purpose: Pursuant to Section 46.2-882 and 2.2-1112 of the Code of Virginia, as amended, the Department of General Services (DGS)/ Division of Purchases and Supply (DPS) has established this Standard for **Across-the-Road RADAR** for use by Law Enforcement Authorities of the Commonwealth of Virginia for the measurement of the speed of motor vehicles.

2. Authorized Across-the-Road RADAR Standards: DGS/DPS is directing such agencies that any automated photo speed enforcement instruments must meet or exceed the standards as set by the U.S. Department of Transportation (DOT), National Highway Traffic Safety Administration (NHTSA) by means of official standards publications and subsequent updates to official standards (as references in publication *Speed-Measuring Device Performance Specifications: Across-the-Road Radar Module* [DOT HS 810 845, October 2007] and *LIDAR Speed-Measuring Device Performance Specifications* [DOT HS 809 811, March 2013]). The DGS/ DPS *Directive for Down-the-Road RADAR (Radio Detection and Ranging) and LIDAR (Light Detection and Ranging), revised 07/10/2023 and subsequent updates* remains in effect for Down-the-Road RADAR devices listed on NHTSA's Conforming Products (CPL). NHTSA publication is attached hereto, incorporated herein and can be found at:

https://www.nhtsa.gov/sites/nhtsa.gov/files/2023-05/15822-Conforming-Product-List-Speed-Measuring-Devices-Nov22_04252023_v5-tag.pdf

2.b. Eagle 3: Kustom Signals, Inc. Eagle 3 Ka band, S/M Mode RADAR device is approved as per the NHTSA Conforming Products List. The Electronic Tuning Fork (ETF) calibration function of the Eagle 3 has not been approved as a calibration device. The Eagle 3 shall be tested and calibrated using the tuning fork method as per the "Protocol for the Certification of Laboratories Performing Certification of Tuning Forks" Revision 6 (Protocol 2364).

3. A listing of approved laboratory sources for RADAR equipment tuning fork calibration can be found at: <https://dgs.virginia.gov/division-of-consolidated-laboratory-services/certification-accreditation/find-a-lab/> under the Directory of Tuning Fork Laboratories.



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Subscribed and sworn before me on this 1st Day of July, 2023

My Commission expires: 10-31-2025


Notary Public

